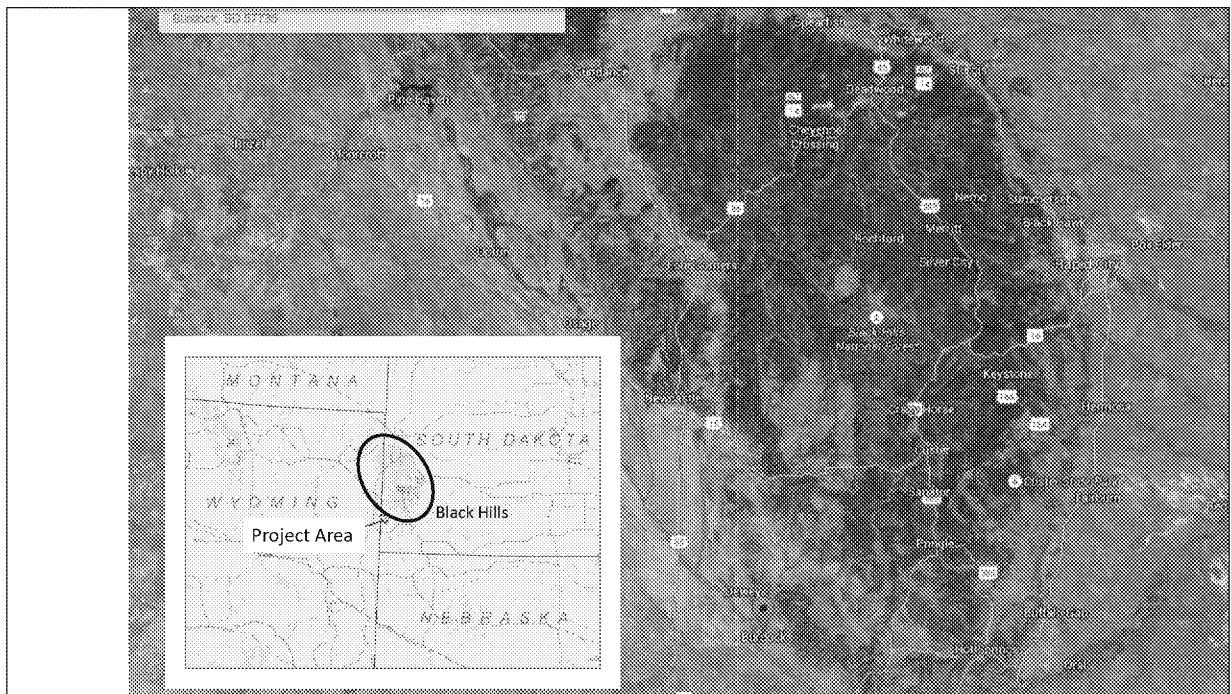
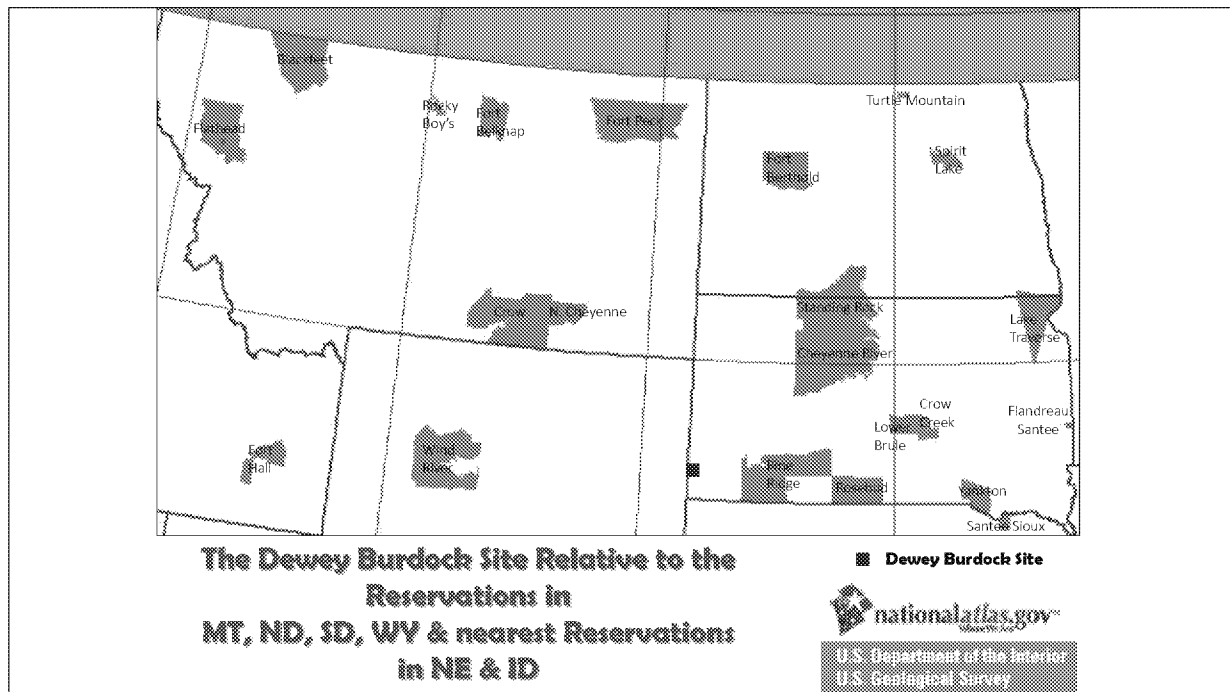


The Dewey Burdock site is located in the SW corner of Custer County and the NW corner of Fall River County on the Wyoming/South Dakota border. In the southern Black Hills. About 45 miles west of the Pine Ridge Reservation. Very close to Cheyenne River which is a concern for Oglala Sioux and Cheyenne River Sioux Tribes since the Cheyenne River borders their reservations. The Cheyenne River joins the Missouri River downgradient of the Standing Rock Reservation.

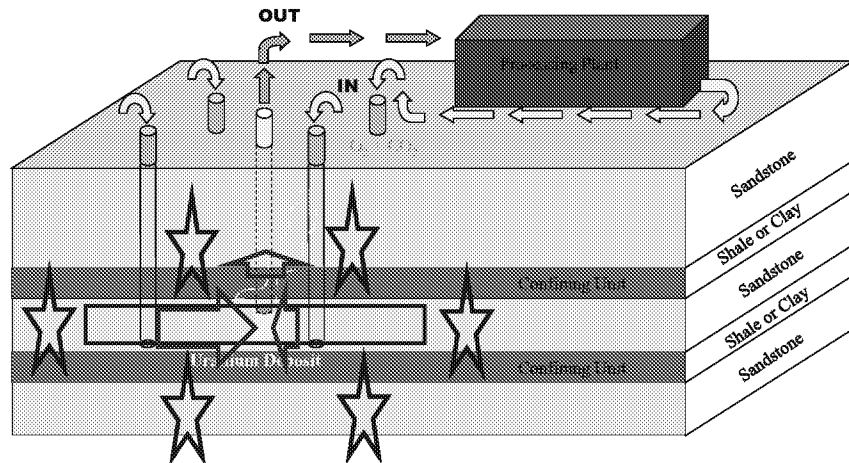


The Dewey-Burdock Project site location relative to the Black Hills.



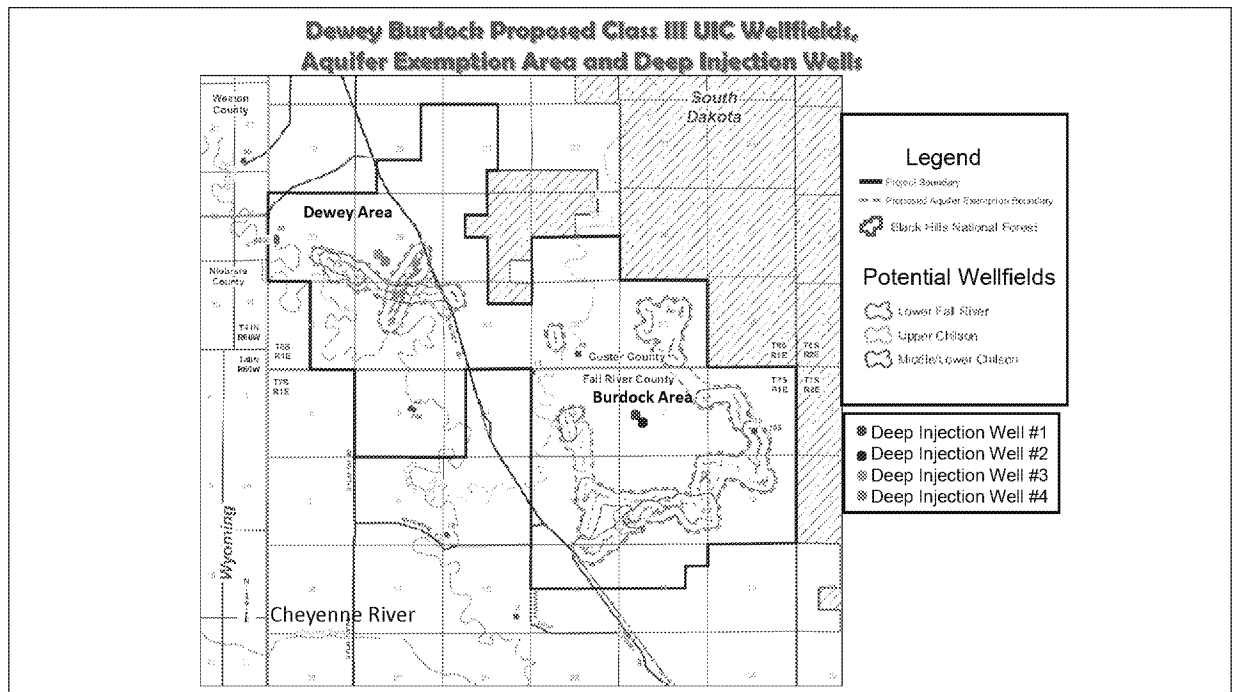
The Dewey-Burdock site relative to the Reservations in MT, ND, SD, WY & nearest reservations in NE & ID

Uranium In-Situ Recovery Process



Typical five-spot pattern. In three dimensions, the wells follow the uranium deposit. Could be at different depths.
 Blue box represents aquifer exemption boundary – this boundary outlines an aquifer that currently does not meet U.S. drinking water standards.

Goal with restoration process after mining is to get this zone back to baseline water quality.
 Stars represent monitoring wells where we do not want to see any change in water quality.



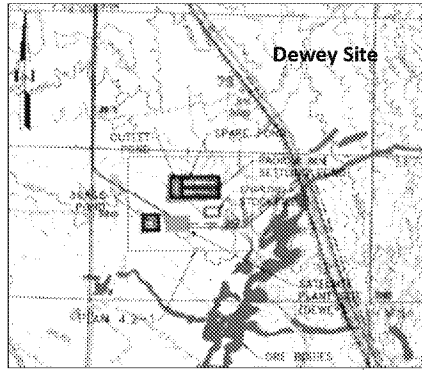
Point out

4 proposed wellfields in Dewey Area & 10 proposed wellfields in the Burdock Area

AE boundary 200 feet outside of the wellfield perimeter monitoring well ring

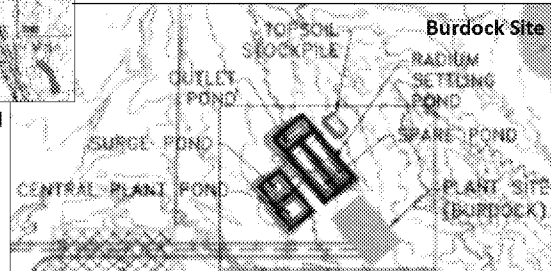
4 deep disposal wells

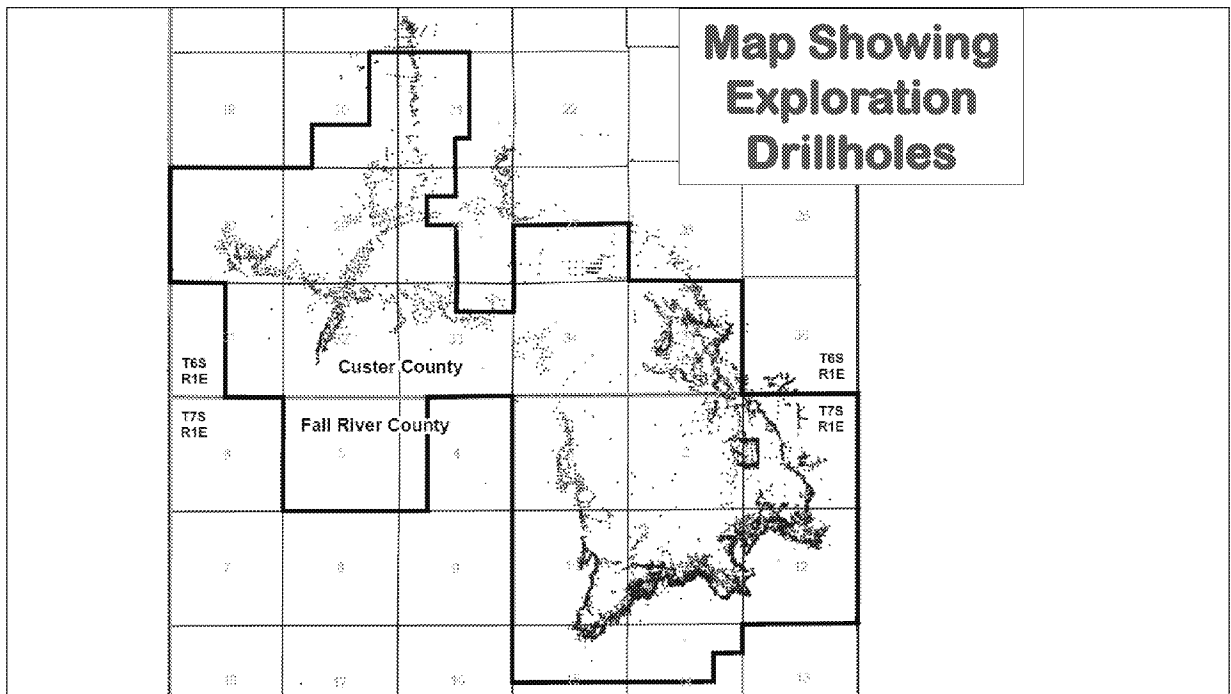
Treatment and Storage Pond: for Deep Well Injectate



The Burdock Area central plant pond will store brine from the reverse osmosis treatment process used during groundwater restoration before the brine is treated in the radium settling ponds.

Waste fluids from the uranium recovery process will be treated in the radium settling ponds. After radium removal, the treated water will be stored in the outlet ponds and surge ponds. There will also be a spare radium treatment pond for backup. After treatment, the water will flow to the deep injection wells.





5932 drillholes 109 Powertech drilled